GENERAL INDEX

To the EIGHTH VOLUME.

ACADEMY, Diſſenting one at Briſtol, account of 700
..... Swediſh, particulars reſpecting 731
..... at Glaſgow, account of 765
Accent, pronunciation by, remarks upon 680
Achard, of Berlin, his mode of extracting ſugar from the Beet Root 555
Addiſon, one of the coarſeſt writers of his day in point of diction 551
Agriculture, ingenious hints for improving it 932
.....letter of Mr. Marſh reſpecting 730
Agricultural Report, for July 1789 588
..... Auguſt 676
..... September 764
..... October 844
..... November 932
..... December 1024
Age, on proviſion for 947
Alexandria, city of, particulars reſpecting it 811
Algiers, new and curious account of 959
Alkalies, Dr. Mitchell's obſervations upon 692
Altieri Claudes, letter reſpecting them 536
America, obſervations on a Catholic biſhop there 792
Ancients, inquiries into the conſtruction of their large ſhips, and arrangement of the rowers 522
Andover town, account of 785
Anecdotes of eminent perſons 547, 626, 713, 801, 802, 803, 883, 884, 885, 977, 978, 979
Animals of prey, nocturnal, on their digeſtive faculties 556
Annuarys, or almanacks, departmental in France 558
Antinomianiſm, complaints reſpecting it 795
Apparitions, and ſecond ſight, how accounted for 788
Arioſto, the Italian poet, critique on his writings 541
Arithmetic, an improved method of teaching it 678
Arſenal, marine, Lacedemonian, new one diſcovered 858
Aſtrarium, new one, account of 730
Arts, fine, Monthly Retroſpect of 559, 641 735, 900, 901, 997
Aſtronomical obſervations, French 872
Baking, fermentation for 875
Ballad, Norwegian, tranſlated 968
Bankrupts and dividends, in July 569
..... Auguſt 654
..... September 787
..... October 825
Bankrupts and dividends, in November 910
..... December 1002
Baſingſtoke, deſcription of 783
Bavaria, Elector of, his judicious plan of government 633
Blind, indigent, inſtitution for at Edinburgh 858
Bolton in the Moors, deſcription of that town, &c. 775
Brabant, its etymology 847
Brunſwick green, mode of preparing it 638
Buenos Ayres, on the river La Plata, account of 785
Bürger, origin of his Leonora 602
Burke, remarks on his character 595
Buſby on ancient muſic, reply to him 624
Cambridge, flagellation at 532
Camel, advantages to be derived from transporting this animal to the Cape of Good Hope 952
Carradori's experiments on the reſpiration of frogs 556
Caylus, obſervations upon his antient paintings 791
Chatterton, ſtate of facts relative to 770
Chin-Fon-Hau, a Chineſe drama, account of 517
China, embaſſy to, its objects, and cauſes of its failure ibid.
Chineſe, general particulars reſpecting them 594
..... account of their games and amuſements ibid.
..... games of chance noticed and explained 600
Coal trade, its progreſs and preſent ſtate 590
Colours, experiments on 509
..... Mr. G. Huſſey's ſyſtem reſpecting 852
Commercial Report for July 1799 586
..... Auguſt 674
..... September 762
..... October 843
..... November 930
..... December 1022
Conſerva, account of, as a ſubſtitute for rags in making paper 869
Cordova, deſcription of 787
Corn, conſumption of in England 524
Courts of Conſcience, obſervations reſpecting 766, 967
..... their origin, practice, &c. 699
Cow-pox, the obſervations upon 691
Cream, ſingular phenomena of 633
Criticiſms, critique upon by Mr. G. Dyer 621
Curates, obſervations upon the late act reſpecting 847
Dictionaries, Spaniſh queries reſpecting 875

Didot's Virgil, obſervations upon 538, 539, 607, 678, 846
Diſcoveries, not owing to accident 858
Diſeaſes in London, account of in July 565
..... Auguſt 648
..... September 742
..... October 824
..... November 911
..... December 1003
Dog, curious inſtance of one living nine weeks without food 620
Drunkenneſs, on the Ruſſian propenſity to 878
Dutch, obſervations on their natural character 695
Eaſt-India Houſe, deſcription of its new front 737
Elder, Thomas, eſq. account of him 574, 616
England and Wales, pedeſtrian excurſion through ſeveral parts of 532, 783, 966
Etymology of the word rich 770
..... Brabant 847
Females, plan for reſcuing from proſtitution 523, 610, 619, 689
Finances, public obſervations concerning them 603, 700
Fire, mode of preſervation from 537
Flowers, on the irritability of their ſtamina 555
France, on the weights and meaſures lately there introduced 700
..... new metrical ſyſtem compared with that of England 801
..... particulars relative to the meaſures and coins of 940
Fulham bridge, beautiful views from 533
Funds, plan for putting them in current circulation 513
Games of the Chineſe 594
Germany, number of authors and books annually publiſhed in 636
Glue, queries relative to the proceſs of making it 691
Goldſmith, Dr. original letter from 722
Grain, obſervations upon 939
Grammars, Spaniſh, enumeration of the beſt 875
Grapes, proceſs to prevent their dropping off 557
Greaſe ſpots, modes of taking them out of leather breeches 536
Hamilton, Duke of, biographical memoir of 658
Hampton Court, deſcription of 533
Henry the VIIIth, remarkable act of relative to large horſes 551
Hiſtory, review of books of 1026
Hiſtorians, tranſlations of them recommended 877
Hiſtory, natural, French muſeum of, account of ſome of its productions 555
Holland, extract from Riems' travels through 683
..... on the probability of a counter-revolution in ibid.
Homer, his notion of deſtiny 872
Horſe-cheſnuts, mode of employing to advantage 692
Howe, Lord, biographical memoir of 655
Huſſey, Giles, his curious mode of taking likeneſſes 725
..... his letter to Wray ibid.
..... his ſyſtem of colours 852
Jackets, cork, their uſe in ſaving from ſhipwreck 537
Iceland, account of a volcanic iſland diſcovered in its vicinity 685
Jeſuitiſm, modern, hints concerning it 597
Jews, anſwer to queries reſpecting them 215
Induſtry, houſe of at Briſtol, obſervations concerning it 609
Inſanity, remarks on Dr. Sims' definition of it 876
Inſtitute, National, of France, diminutions to be made in its expenditure 558
..... account of its proceedings 710
Intelligence, literary and philoſophical 632, 729, 807, 890. *See Varieties.*
Joliba river, enquiries whether Herodotus was acquainted with it 972
Journal de Phyſique, analyſis of all its intereſting papers 964
Ireland, late rebellion in, enquiries into its effects on the character and feelings of the Iriſh 592
..... remarks on the preſent ſtate of 680
Iſland, volcanic, account of one in Iceland 685
Itch, reaſons of Petrarch for conſolation under it 528
Jujui, in South America, account of this town 788
Juſtice, courts of, moral ſentences for 967
Kien Long, emperor, original letter from 723
Kotzebue, particulars reſpecting 636
..... his dedication to his Natural Son 689
Latin negatives, obſervations reſpecting them 847
Lauderdale, Lord, obſervations upon his plan of finance 603
Law, Moſaic, its original 949
Leipſic, account of the fair there 808
Le Mounier, French aſtronomer, account of 626
Leonora, of Bürger, its origin 602
Letters, original, of eminent perſons 722
Lima, travels through to Potoſi 785
Literary queries 862
Literature, progreſſive retroſpect of, from Marcus Aurelius to the commencement of the French republic 700
..... domeſtic half-yearly retroſpect of, 1026.—Books reviewed: Hiſtory; Wraxall's Memoirs of Berlin, &c. Allen's natural and political Hiſtory of the State of Vermont, ibid. Tooke's View of the Ruſſian Empire, Dr. Ferguſon's Hiſtory of the Roman Republic, Major Ouſeley's Epitome of the Hiſtory of antient Perſia, Maurice's Hiſtory of Hindoſtan, Blaquiere's Tranſlation of Schuller's Hiſtory of the Thirty-Years War, 1027. New Annual Regiſter for 1798, Memoirs of Pius VI.

Finances, 1029. Politics, ibid. Theology, 1035. Biography, 1038. Natural Hiſtory, 1039. Phyſic, 1048. Law, 1049. Poetry, 1050. Novels and Romances, 1046. Miſcellanies 1058
Literature, French, retroſpect of, 1059. Review of books on hiſtory, ibid. Politics, 1062. Natural hiſtory, 1063. Botany, belles lettres, 1064. Architecture, 1065. Geography, ibid. Medicine, 1066. Drama, ibid. Poetry 1072
..... German, retroſpect of 1074
..... Spaniſh, retroſpect of 1097
Liverpool, outlines of the plan of the library and news-room there 535
Logic, remarks on Mr. Collard's Eſſentials of 607
London, its progreſſive population 935
..... query reſpecting its public libraries 945
Longevity, inſtances of 794
Lucerne, query relative to its growth 709
Luther, ſuppoſed to have been the author of the old hundredth pſalm tune 790
Machine, ſelf-moving, query reſpecting 959
Mac-Gregor, clan, defence of 773
Magdalen hoſpital, queries reſpecting it 772
Marle, on ſome varieties of 845
Marriages and deaths in and near London, July 573
..... Auguſt 655
..... September 749
..... October 826
..... November 913
..... December 1009
Mary, queen of Scots, tranſlation of a ſonnet by her 610
Mathematicians, Scottiſh, eminent ones now living 699
Mathematics, a new mode of teaching 677
Meat, ſalted, queries reſpecting 691
Mills, hand-corn, their utility 965
Mercury, fulminating, wonderful effects of a new one lately diſcovered 657
..... tranſit of, as obſerved at Hamburgh 636
..... Paris 895
Military men, their ſingular piety 543
Muſe, dramatic poem, extract from 693
Monboddo, Lord, biographical memoir of 576
Montaigne, account of a new ſtereotype edition of 557
Muſic, obſervations on the mode uſed for regulating the time in 941
Muſical publications, review of, for July 561
..... Auguſt 644
..... September 737
..... October 814
..... November 896
..... December 1000
Needle, experiments on, at Paris 634
New-York, yellow-fever of, obſervations on 638
Niagara-falls, deſcription of 612
Nurſing, maternal obſervations on 937
Oil, a new property of 846
Ontario-lake, account of the country ſouth of 524, 610
Original communications 677
Otaheitans, their deſcriptions and character 524, 532
..... remarks on Cummerren's account of them 087
Otaheitans, Cummerren's account of them defended 943, 988
Paintings, natural, curious account of, on marble and other ſubſtances 550
Paper, account of the *conferva* as a ſubſtitute for rags in 869
Parliament, remarkable acts of 551
Patents, new, Luccock's, for a paradoxical engine, 563. Brewen's, for tanning, 639. Wilkinſon's, for new invented boilers, 742 Murray's ſteam-engine, 813. Chapman's, for clearing ſkins of wool, ibid. Wilkinſon's, for ceruſe, ibid. Knowles's, for a new mode of tanning, 900. Eckhardt's, for grates, 900. Biſhop's, for a new power, ibid. Hochkiſs's, for a mechanical power, ibid. Croot's, for weight making and bleaching, 901. Wilkinſon's, for a gum, 993. Williams's, for book-binding, ibid. Bell's for a pocket-faſtening, ibid. Murdock's, for ſteam-engines, ibid. Gilliſpie's, for printing callicoes, 994.
Pavia, deſcription of its univerſity 810
Pedeſtrian excurſions through England and Wales 783
Pekin, embaſſy to, cauſes of its failure 521
Peterſham, its pictureſque beauties 533
Petrarch, his obſervations on the Itch 628
Piety in military men, remarkable inſtances of 543
Pius VI. memoirs of his life 713
Pizarro, the univerſal topic 514
Poem, Welſh, by David ab Gwillim, tranſlation of 543
Poetry, original 544, 630, 804, 883, 987
..... perſonification in 709
..... review of books of 440
Poets, Italian, remarks on the principal 870
Ponds, new mode of making them tight without maſonry 964
Poor, obſervations upon the management of at Shrewſbury 690, 975
Potoſi, account of the town and ſilver mountain of 789
Porteus, ſimilarity between him and Young 684
Port-folio of a man of letters, extracts from 550, 886, 982
Pot-aſh cake, American, receipt for making 873
Prior, origin of his ſtory of the Thief and Cordelier 625
Pronunciation, by accent from 680
..... of uncommon words, remarks upon 949
Proſtitutes, plan for relieving 610
..... charities for 619
Provincial occurrences, with marriages and deaths in Great Britain, in July 578
..... Auguſt 661
..... September 751
..... October 832
..... November 917

Provincial

Provincial occurrences, with marriages and deaths in Great Britain, in December 1010
Pſalm, old 100th, authors of this tune 609, 610
Public affairs, ſtate of, for July 570
..... Auguſt 649
..... September 743
..... October 818
..... November 905
..... December 994
Publications, new liſts of, for July 566
..... Auguſt 646
..... September 740
..... October 814
..... November 898
..... December 992
Quidhampton town, deſcription of 967
Raphael, his Madena, tranſported to Paris 557
Re-particle, Mr. Wakefield's obſervations on it 933
Recluſus and Recluſe, obſervations on theſe words 875
Repreſentation, contributors to the theory of 953
Revenue, obſervations upon Lord Lauderdale's plan for altering the mode of collecting it 603
Revolutionary anecdotes 628
Rich, etymology of 770, 851
Richmond-hill, beautiful proſpect from 533
Robinſon, of Cambridge, on his tranſlation of Claude 622
Roman-war galley, obſervations on Melville's account of it 523
Roots, bulbous, account of twenty ſuppoſed new ſpecies 557
Ruſſia, liſt of books prohibited from being publiſhed there 635
Ruſſians, obſervations on their propenſity to drinking 879
Saliſbury, deſcription of 966
Salt tax, its hardſhip 620
Saturn, query, whether his ſatellites were not firſt diſcovered by Dr. Derham 692
Second ſight, how accounted for 781
Seneca and Lucretius, coincidence between them and Shakſpeare 790
Shrewſbury, obſervations reſpecting the poor of 965, 975
Shipwreck, mode of preſerving from 537
Skeletons, Simeon's obſervations upon 952
Sketch of two brothers 681
Skinner, captain, biographical memoir of 659
Slavery, ſcripture opinions of 530
Slave-trade, erratum in Mr. Wakefield's letter concerning it 625
Soldiers, Dutch, their character 683
Spiders, their uſe in prognoſticating the ſtate of the weather 596
Steel, German, query relative to the mode of making it 691
Stock, objections to the plan of circulating it by notes 592
Stonehouſe, Sir James, his writings, account of 791
Style, theological ſpecimen of, in Matthew Henry 551
Swediſh, Weſt-India iſland of St. Bartholemew, account of it 950
Taïti, one of the Otaheitan iſlands, deſcription of 532
Tartar, cream of, Venetian mode of preparing 964
Taſſo, remarks on his writings 870
Thames, its picturеſque ſcenery 532
Toulmin, Dr. his account of James and John Upton 769
Travels through Peru 785
Trees and hedges, ſaltneſs diſcoverable upon, how accounted for 594
Turnips, ſingular effect of the growth of 84
Valerius Flaccus, quotation from, by Mr. Wakefield 708
..... interpretation of a paſſage from 538
Van Braam, his account of the Chineſe 594
Vandal and Vandaliſm, obſervation upon theſe terms 683
Vanity, literary, exemplifications of 534
Varieties, literary and philoſophical 553, 632, 729, 807, 890, 987
Vendee la, account of the royaliſt caverns there 629
Verdigreaſe, query, relative to the mode of making it 691
Vinegar, on the beſt mode of making it 609, 791
Virgil, his manuſcript removed to Paris 557
..... Didot's. *See* Didot's Virgil
Volcanic iſland, Von Lewenhorn's account of a new one diſcovered in Iceland 685
Voyage to South America, Toulmin's account of 864
Underſtanding, inſtances of its ſurviving the memory 550
Upton, James and John, account of 603, 769
Utenſils culinary, uſeful proceſs to ſtop holes in 556
Utopia, etymology of 532
Wadſtrom, memoirs of, by Miſs Williams
Wakefield, Gilbert, his quotations from Valerius Flaccus, relative to ſhip-building 706
..... reply to him on the above paſſage 708
..... two letters to, from profeſſor Heyne, relative to his tranſlation of Lucretius 939
Warping, an agricultural practice in Senecher, account of it 730
Weſterman, general, account of 628
Whitchurch, deſcription of 785
Wiltſhire, intended hiſtory of, by Mr. Britten 538
Wind, poetical invocation to 542
Words, uncommon, on the pronunciation of 949
Yeaſt, on the medicinal uſe of 851
Yellow fever, remarks upon it 850

INDEX.

Names of Authors, Patentees, &c. mentioned in this Volume.

Achard 555
Aikin, Dr. 729, 987, 995, 1038
Anderſon 765
Aſtley 729
Auckland, Ld. 1034
Bailey 989
Balzac 534
Batchelor 608
Baynes 552
Beattie 899
Beaumarchais 829
Beddoes 739, 891, 1061, 1063
Bergman 554
Berthoud 811
Bidlake 990
Biggin 990
Billingſley 1046
Blair 898
Blake 1036
Blakeway 1037
Blaquiere 899
Boag 934
Buonaparte 886, 890, 1000
Bonnel 1060
Bottiger 589
Bourgoin 710
Bowen 890
Bradley 739, 996, 1063
Bray 1052
Brewen 638
Bridgman 773
Britten 532
Bromley 1060
Brown 989
Burdon 899
Buſby 624
Butler 1044
Campbell, Dr. 807, 991, 1501
Cappe 891
Cardew 1037
Caſaubon 523
Caylus Count 791
Chapman 113, 993
Chaptal 732
Chauchard 804
Chitty 1049
Chladni 731
Clark 729
Cleave 1037
Clutterbuck 1045
Collard 607
Colman 1055
Cooper 729
Cottle 968
Cowe 740
Coxe 1036
Crook 901
Cruickſhank 729
D'Alembert 995
Dallas 995
Dalton 892, 1056
Damiani 350, 590
D'Ambournai 964
Darwin, Dr. 890
Daubeney 740
Daunon 710
Deliſle 711
Derham 692
De Sales 700
Dickſon 869
Didot 809
Douglas 1034
Drennan 594
Drummond 1062
Duncan, Dr. 989, 1045
Dyer, G. 621, 631, 889
Dutton 996
Eckhardt 899, 900
Eddowes 792
Edgeworth 792, 989
Enfield 1038
Erſkine 545
Evans 934
Fellowes 741, 1036
Feltham 899
Ferrier 899
Filangieri 548
Findlater 998
Firth 1049
Fordyce 989
Forſter 934
Foſter, Rt. Hon. 1033
Franklin 808
Fuller 997
Galton 509
Garnet, Dr. 765
Gattel 875
Girdleſtone 1044
Girlwin 996
Girmani 996
Giſborne 1050
Glendinning 739
Godwin 890, 1054
Gordon 851
Gore 1063
Goſſelin 710
Grammont 520
Green 554
Gregory 609
Gregoire 711
Grellier 1022
Gunning 996, 1054
Guyton 732, 891
Hackett 965
Hall 1037
Hamilton, Sir William 1000
Hare 740
Harrington 996
Harriſon 997
Hayter 1036
Heath 998
Heeren 952, 972
Helme 540, 853, 785, 1053
Herder 891
Heyne 939
Higgins 733, 1062
Hill, Rowland 1037
Hindley 988
Hoare 1055
Holman 1055
Home 989
Hotchkiſs 902
Howard 637, 1061
Howlett 902
Hunter, Dr. 988
Huſſey 725, 852
Jabloniki 886
Jackſon 739
Jerningham 1039
Jeſſe 1037, 1044
Inchbald, Mrs. 995
Ingram 1030
Jones 1037
Joſſe 876
Irwin 740
Jukes 903, 998
Jumelin 858
Kerlie 875
Kitaibel 993
Kirwan 1060
Knowles 900
Knox, Dr. Viceſſimus 1037
Kydd 740
Lalande 811, 733, 893
Lamarck 992
Lamrey 557
Lathom 1053
Lawrence 1056
Lee 1056
Lettice, Dr. 987
Laverue 112
Lincoln, Bp. of 1035
Lodge 1036
Lofft, Capel 607
Lombard 899
Luccock 561
Lyon 899
Macartney, Lord 521
Mac Gregor 529
Mackintoſh 730
Mac Nab, Dr. 530
Mackinnen 524
Maczinſky 547
Magee 891
Manners, Lady 1050
Marſh 750
Mavor 739, 898
Maurice 1501
Melville, Gen. 523
Mentelle 710
Miller, Capt. 1023
Minto, Lord 1034
Mitchell 688, 691, 693, 979, 1061
Middleton 823
Mercier 711
Merrit 1060
Montgolfier 927
Moore, Dr. 890
Morley 1035
Moſer 767
Muller 992
Murdock 993, 1009
Murphy 1052
Muſhet 990
Naſon 740
Neuman 553, 1046
Nicholſon 1060, 1063
Okes 1044
Otborne 729
Oulton 696
Ouſeley 807
Paley, Dr. 630
Parke 899
Parkinſon 892, 1045
Partridge 1026
Paulinus 730
Pearſon 990, 996
Playfair 730
Plumptre 1047, 1056
Polwhele 740, 1037
Peele 1033
Pratt 740, 1039
Prieſtley, Dr. 731
Proby 1054
Quenot 811
Rainback 998
Rathbone 904
Rede 1061
Read, Dr. 876
Rees 987
Render 740
Reeve 1053
Reynolds 995, 1055
Richards 740
Riem 683
Ritchie 899
Ritchter 902
Robinſon 630, 740, 847, 899, 939, 1049
Rochefoucault 553
Rocheſter, Bp. of 530
Rollo 1044
Roper 996
Roſs 529
Roſſi 904
Saunderſon 554
Sargent 692
Scott 899, 988
Seward 1039
Sheffield 1034
Shaw, Dr. 987
Sheldrake 891
Shepherd 725
Sheridan 1056
Sherwen 1044
Prieſtley, Dr. 731

Simeon 952
Sims 876
Smith 1037
Smirke 998
Snodgrafs 899
Sonini 553
Southey 771, 807, 1052
Starke, Mrs. 995, 1048
Stutzer 106 3
Tatham 536
Thompfon, Alexander 1050
Thorn 1052
Thornton 1032
Tidd 996
Tooke, Rev. William 730
Toulmin 861, 997
Townfon 1060
Townfhend 1036
Trefham 536, 1501
Trotter, Dr. 1045
Tucker, Dr. 912
Turner 902
Turton, Dr. 691
Tweedie 1032
Twopenny 904
Van Braam 594, 601
Vaffar 990
Vetley 1060
Vedal 893
Vince 1061
Von Lëwenfhörn 685
Upton 769
Wakefield, Gilbert 522, 530, 607, 621, 708, 804, 934, 939, 987, 1029
Walker 553, 554, 740, 828, 1062
Walpole 554
Ward 998
Watkins 739, 987
Wennington 1054
Weftmoreland, Earl 1032
Whalley 1056
Whytock 997
Wilkinfon 742, 813
Wilkins 993, 989
Will 741, 1052
Williams 740, 862, 993
Willich, Dr. 739, 989, 966, 1063
Wilfon 729, 1045
Withering, Dr. 915, 917
Whytock 997
Wood 975, 989, 1061
Woolafton 1033
Wray 725

Remarkable Perfons, of whom Biographical Sketches, Anecdotes, &c, are given in this Volume.

Barendreeht 979
Black, Dr. 673
Buonaparte 881, 886
Beaumarchais 829
Bonda, Ch. 802
Bofcherich 803
Brahl, Count 883
Burke 595
Callet 829
Caylus, Count 791
Charlemont, Lord 914
Forfter 829
Elder, Tho. 574, 616
Filangieri 549
Hamilton, Duke of 658
Halm 977
Howe, Earl 655
Huffey, Giles 725, 852
Ingenhouze, Dr. 912
La Fontaine 801
Matthews 751
Mayer, Tobias 887
Monboddo, Lord 576
Montgolfier 929
Murray, Prov. 659
Reveley 673
Roberti, Count J. 885
Robinfon, Rev. J. 680
Rumford, Count 996
Skinner, Capt. 658
Smallwell, Dr. 574
Schroter 884
Thomfon 982
Tucker, Dean 912
Von Hoof 979
Upton, Jas. and John 603, 769
Wiche 926
Withering, Dr. 915

Experiments on Colours, by . W. Gallon.

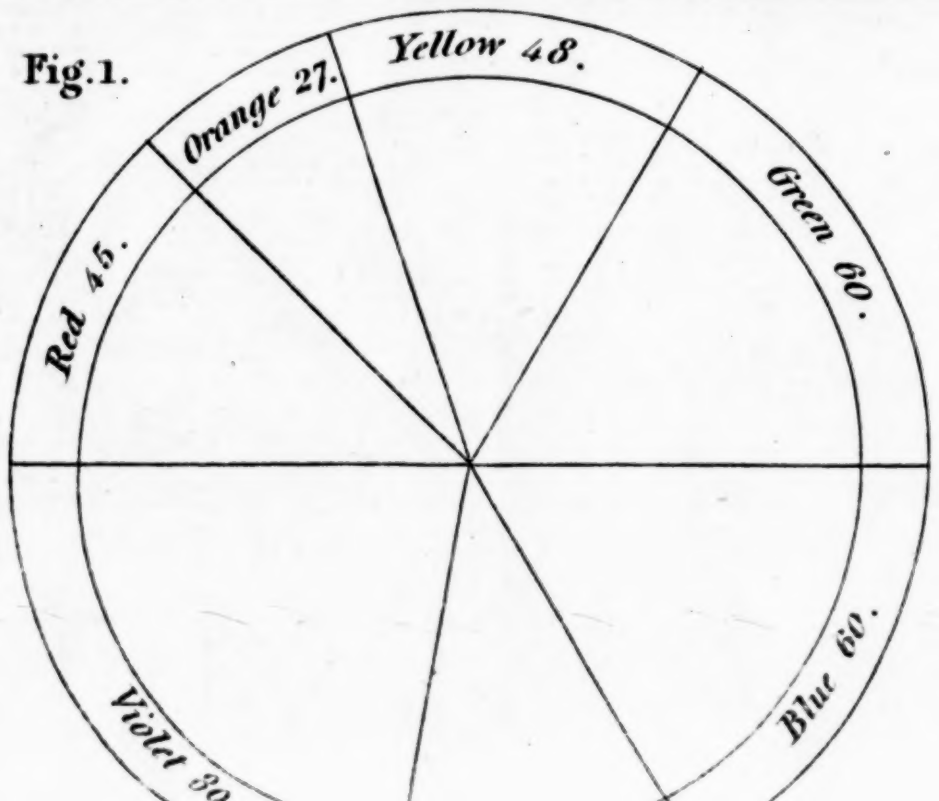
See Page X

Fig. 2.

7 Prismatic colours produce White.			5	10	15	20	25	30	35	
			80. Violet	40. Indigo	60. Blue	60. Green	48. Yellow	27. Orange	45. Red	White
Indigo. Blue. Yellow. Red produce White.	A 1	1	74 $\frac{113}{193}$. I	111 $\frac{177}{193}$. B		89 $\frac{100}{193}$. Y		83 $\frac{111}{193}$. R		White
The $\frac{1}{1}$ & $\frac{3}{3}$ colours produce the $\frac{2}{2}$. or any colour may be composed by the two immediately contiguous.	B 1	2	169 $\frac{35}{83}$. I			190 $\frac{50}{83}$. R				Violet
	B 2	3	205 $\frac{108}{140}$. V			154 $\frac{40}{140}$. B				Indigo
	B 3	4	144. I		216. C					Blue
	B 4	5	200. B			160. Y				Green
	B 5	6	248 $\frac{24}{87}$. G				111 $\frac{63}{87}$. O			Yellow
	B 6	7	185 $\frac{75}{93}$. Y			174 $\frac{18}{93}$. R				Orange
	B 7	8	260 $\frac{17}{167}$. V				90 $\frac{90}{167}$. O			Red
3 succeeding colours produce the intermediate colour, ——— or the $\frac{1}{1}$. $\frac{2}{2}$. & $\frac{3}{3}$. colour produce the $\frac{2}{2}$.	C 1	9	174 $\frac{90}{165}$. V		87 $\frac{45}{165}$. I		98 $\frac{30}{165}$. R			Violet
	C 2	10	160. V		80. I		120. B			Indigo
	C 3	11	90. I	135. B		135. G				Blue
	C 4	12	128 $\frac{96}{165}$. B		128 $\frac{96}{165}$. G		102 $\frac{141}{165}$. Y			Green
	C 5	13	160. G		128. Y		72. O			Yellow
	C 6	14	144. Y		81. O	135. R				Orange
	C 7	15	189 $\frac{72}{132}$. V			63 $\frac{144}{132}$. O	106 $\frac{66}{132}$. R			Red
Four colours in succession produce a colour intermediate to the $\frac{2}{2}$ & the $\frac{3}{3}$ colour. ——— or a compound colour.			120. V	60. I	90. B	90. G				Blue Indigo
			69 $\frac{48}{208}$. I	103 $\frac{176}{208}$. B		103 $\frac{126}{208}$. G	83 $\frac{19}{208}$. Y			Blue Green
			110 $\frac{160}{195}$. B		110 $\frac{150}{195}$. G		83 $\frac{120}{195}$. Y	49 $\frac{165}{195}$. O		Green Yellow
			120. G		96. Y	54. O	90. R			Yellow Orange
			144. V		86 $\frac{80}{200}$. Y	48 $\frac{120}{200}$. O	81. R			Orange Red
			150. V		75. I	50 $\frac{120}{192}$. O	84 $\frac{72}{192}$. R			Red Violet
			128. V		64. I	96. B	72. R			Violet Indigo
White produced by the $\frac{2}{2}$. colour = $\frac{1}{1}$. $\frac{2}{2}$. & $\frac{3}{3}$. The $\frac{5}{5}$. colour = $\frac{4}{4}$. $\frac{5}{5}$. & $\frac{6}{6}$. & the $\frac{7}{7}$. colour in the proportion it exists in the Spectrum.	D 1	16	180. I		135. Y		45. R			White
	D 2	17	80. V	160. B		120. O				"
	D 3	18	40. I	168. G		152. R				"
	D 4	19	165. V		60. B	135. Y				"
	D 5	20	180. I		60. G	120. O				"
	D 6	21	160. B		48. Y	152. R				"

7th colour in the proportion it exists in the Spectrum.	D 4	19	165 . V	60 . B	135 . Y		"
	D 5	20	180 . I	60 . G	120 . O		"
	D 6	21	160 . B	48 . Y	152 . R		"
	D 7	22	163 . V	168 . G	27 . O		"
2d colour = 1st. 2d. 3d.	E 1	23	180 . I	87 . Y	93 . O		White
5th colour = 4th and 6th.	E 2	24	160 . B	93 . O	107 . R		"
6th colour = 5th and 7th	E 3	25	85 . V	168 . G	107 . R		"
produce White	E 4	26	85 . V	140 . I	135 . Y		"
	E 5	27	140 . I	100 . B	120 . O		"
	E 6	28	100 . B	108 . G	152 . R		"
	E 7	29	165 . V	108 G	87 Y		"
White produced by 1 simple colour, & 1 colour compounded of 2. viz. 2d colour = 1st. 2d. 3d. 5/6 colour = 4th. 5th. 6th. 7th.	F 1	30	240 . Indigo Blue	120 . O			White
	F 2	31	208 . Blue Green	152 . R			"
	F 3	32	195 . Green Yellow	165 . V			"
	F 4	33	180 . Yellow Orange	180 . I			"
	F 5	34	200 . Orange Red	160 . B			"
	F 6	35	192 . Red Violet	168 . G			"
	F 7	36	225 . Violet Indigo	135 . Y			"

Fig. 1.



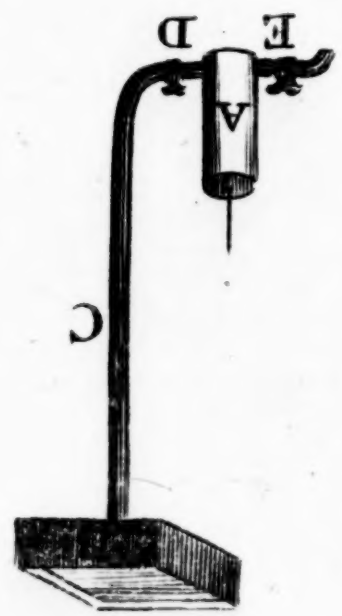
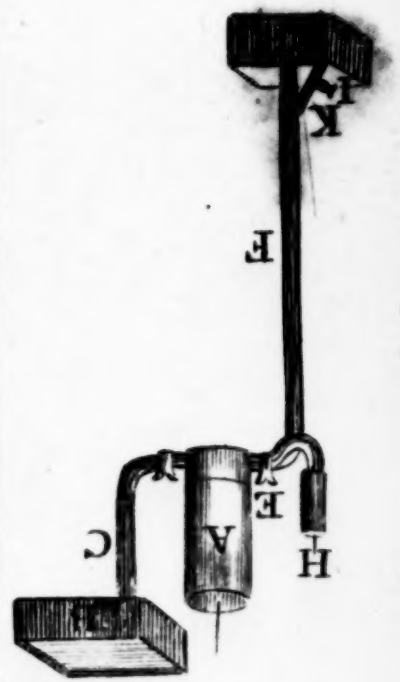


Fig. 3.

	1	2	3	4	5	6	7
1	V	I	B	G	Y	O	R
2	I	B	G	Y	O	R	V
3	B	G	Y	O	R	V	I
4	G	Y	O	R	V	I	B
5	Y	O	R	V	I	B	G
6	O	R	V	I	B	G	Y
7	R	V	I	B	G	Y	O



Experiments on Colours, by. M.r Galton.

See Page X

Fig. 2.

			5	10	15	20	25	30	35	
	7	29	165. V			108 G		87 Y		"
White produced by 1 simple colour, & 1 colour compounded of 2. viz. 1.st colour = 1.st 2.d 3.d 2.d colour = 4.th 5.th 6.th 7.th	F 1	30	240. Indigo Blue				120. O			White
	F 2	31	208. Blue Green				152. R			"
	F 3	32	195. Green Yellow				165. V			"
	F 4	33	180. Yellow Orange				180. I			"
	F 5	34	200. Orange Red				160. B			"
	F 6	35	192. Red Violet				168. G			"
	F 7	36	225. Violet Indigo				135. Y			"

Fig. 1.

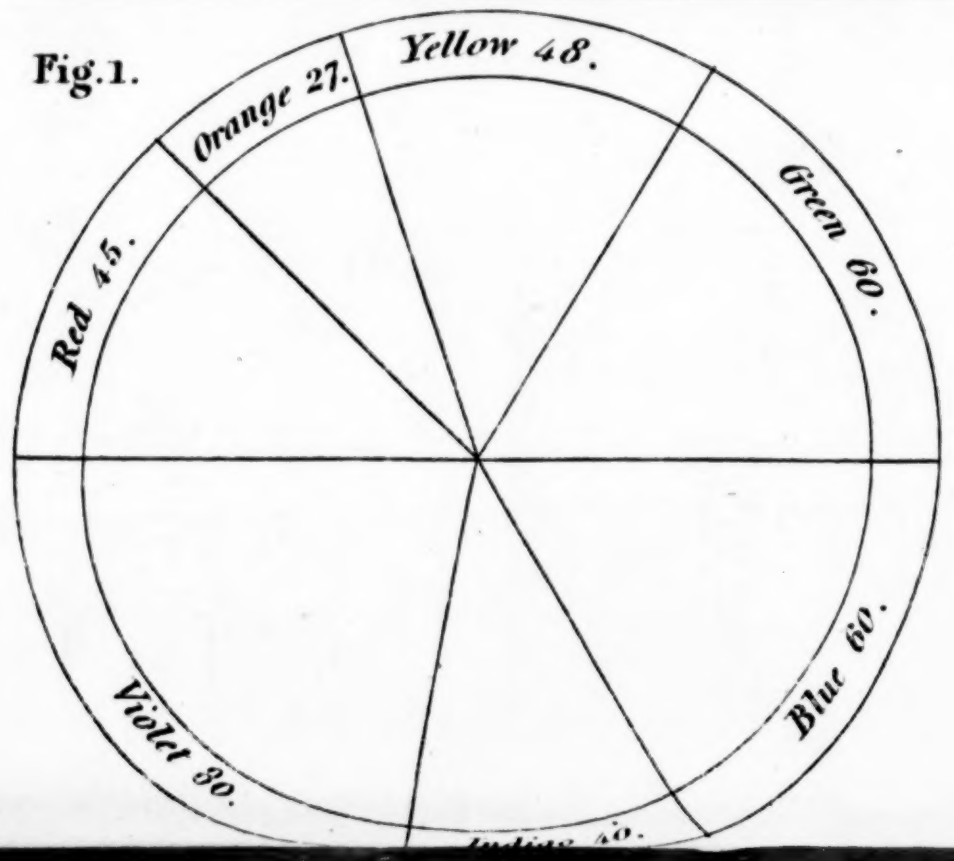


Fig. 1.

Fig. 3.

	1	2	3	4	5	6	7
1	V	I	B	G	Y	O	R
2	I	B	G	Y	O	R	V
3	B	G	Y	O	R	V	I
4	G	Y	O	R	V	I	B
5	Y	O	R	V	I	B	G
6	O	R	V	I	B	G	Y
7	R	V	I	B	G	Y	O

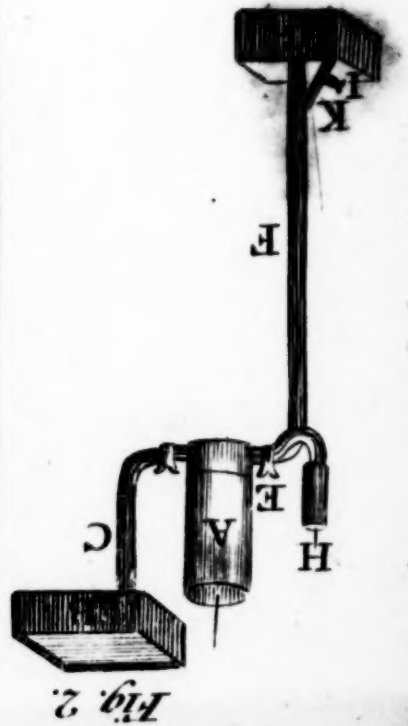


Fig. 2.